

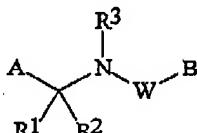
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CENTRAL FAX CENTERApplication No.: 10/501126  
Docket No.: BA9297USPCT

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Amendments to Claims

1. (Currently amended) A composition for controlling plant diseases caused by fungal plant pathogens comprising:

(a) at least one compound of Formula I, *N*-oxides and agriculturally suitable salts thereof



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wherein

A is a substituted pyridinyl ring;

B is a substituted phenyl ring;

W is C=L or SO<sub>n</sub>;

L is O or S;

R<sup>1</sup> and R<sup>2</sup> are each independently H; or C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl or C<sub>3</sub>-C<sub>6</sub> cycloalkyl, each optionally substituted;R<sup>3</sup> is H; or C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, C<sub>2</sub>-C<sub>10</sub> alkoxyalkyl, C<sub>2</sub>-C<sub>6</sub> alkylcarbonyl, C<sub>2</sub>-C<sub>6</sub> alkoxy carbonyl, C<sub>2</sub>-C<sub>6</sub> alkylaminocarbonyl or C<sub>3</sub>-C<sub>8</sub> dialkylaminocarbonyl; and

n is 1 or 2; and

(b) at least one compound selected from the group consisting of

(b1) alkylenebis(dithiocarbamate) fungicides;

(b2) compounds acting at the bc<sub>1</sub> complex of the fungal mitochondrial respiratory electron transfer site; and optionally at least one compound selected from the group consisting of

(b1) alkylenebis(dithiocarbamate) fungicides;

(b3) cymoxanil;

(b4) compounds acting at the demethylase enzyme of the sterol biosynthesis pathway;

(b5) morpholine and piperidine compounds that act on the sterol biosynthesis pathway;

(b6) phenylamide fungicides;

(b7) pyrimidinone fungicides;

(b8) phthalimides; and

(b9) fosetyl-aluminum.

2. (Original) A composition of Claim 1 in which component (a) is a compound of Formula I wherein

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A is a pyridinyl ring substituted with from 1 to 4 R<sup>5</sup>;

B is a phenyl ring substituted with from 1 to 4 R<sup>6</sup>;

W is C=O;

R<sup>1</sup> and R<sup>2</sup> are each independently H; or C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl or C<sub>3</sub>-C<sub>6</sub> cycloalkyl, each optionally substituted with one or more substituents selected from the group consisting of halogen, CN, NO<sub>2</sub>, hydroxy, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>1</sub>-C<sub>4</sub> alkylthio, C<sub>1</sub>-C<sub>4</sub> alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub> alkylsulfonyl, C<sub>2</sub>-C<sub>4</sub> alkoxy carbonyl, C<sub>1</sub>-C<sub>4</sub> alkylamino, C<sub>2</sub>-C<sub>8</sub> dialkylamino and C<sub>3</sub>-C<sub>6</sub> cycloalkylamino;

R<sup>3</sup> is H; and

each R<sup>5</sup> and R<sup>6</sup> is independently C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>2</sub>-C<sub>6</sub> haloalkenyl, C<sub>2</sub>-C<sub>6</sub> haloalkynyl, C<sub>3</sub>-C<sub>6</sub> halocycloalkyl, halogen, CN, CO<sub>2</sub>H, CONH<sub>2</sub>, NO<sub>2</sub>, hydroxy, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>1</sub>-C<sub>4</sub> haloalkoxy, C<sub>1</sub>-C<sub>4</sub> alkylthio, C<sub>1</sub>-C<sub>4</sub> alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub> alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub> haloalkylthio, C<sub>1</sub>-C<sub>4</sub> haloalkylsulfinyl, C<sub>1</sub>-C<sub>4</sub> haloalkylsulfonyl, C<sub>1</sub>-C<sub>4</sub> alkylamino, C<sub>2</sub>-C<sub>8</sub> dialkylamino, C<sub>3</sub>-C<sub>6</sub> cycloalkylamino, C<sub>2</sub>-C<sub>6</sub> alkylcarbonyl, C<sub>2</sub>-C<sub>6</sub> alkoxy carbonyl, C<sub>2</sub>-C<sub>6</sub> alkylaminocarbonyl, C<sub>3</sub>-C<sub>8</sub> dialkylaminocarbonyl or C<sub>3</sub>-C<sub>6</sub> trialkylsilyl; or

each R<sup>5</sup> and R<sup>6</sup> is independently a phenyl, a benzyl, a phenoxy, a 5- or 6-membered heteroaromatic ring or a 5- or 6-membered nonaromatic heterocyclic ring, each ring optionally substituted with from one to three substituents independently selected from R<sup>7</sup>; or

two R<sup>6</sup> attached to contiguous carbon atoms are taken together with said carbon atoms to form a fused phenyl ring, a fused 5- or 6-membered nonaromatic carbocyclic ring, a fused 5- or 6-membered heteroaromatic ring or a fused 5- or 6-membered nonaromatic heterocyclic ring, each fused ring optionally substituted with from one to three substituents independently selected from R<sup>7</sup>;

each R<sup>7</sup> is independently C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl, C<sub>2</sub>-C<sub>4</sub> alkynyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, C<sub>1</sub>-C<sub>4</sub> haloalkyl, C<sub>2</sub>-C<sub>4</sub> haloalkenyl, C<sub>2</sub>-C<sub>4</sub> haloalkynyl, C<sub>3</sub>-C<sub>6</sub> halocycloalkyl, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>1</sub>-C<sub>4</sub> haloalkoxy, C<sub>1</sub>-C<sub>4</sub> alkylthio, C<sub>1</sub>-C<sub>4</sub> alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub> alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub> alkylamino, C<sub>2</sub>-C<sub>8</sub> dialkylamino, C<sub>3</sub>-C<sub>6</sub> cycloalkylamino, C<sub>3</sub>-C<sub>6</sub> (alkyl)cycloalkylamino, C<sub>2</sub>-C<sub>4</sub> alkylcarbonyl, C<sub>2</sub>-C<sub>6</sub> alkoxy carbonyl, C<sub>2</sub>-C<sub>6</sub> alkylaminocarbonyl, C<sub>3</sub>-C<sub>8</sub> dialkylaminocarbonyl or C<sub>3</sub>-C<sub>6</sub> trialkylsilyl.

3. (Canceled)

4. (Original) A composition of Claim 2 wherein component (b) is a compound selected from (b2).

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5. (Original) A composition of Claim 4 wherein component (b) is famoxadone.
6. (Currently amended) The composition of Claim 1 wherein component (b) comprises at least one compound selected from (b2) and at least one compound each of two different groups selected from (b1), (b2), (b3), (b4), (b5), (b6), (b7), (b8) and (b9).
7. (Original) The composition of Claim 6 wherein component (b) comprises at least one compound selected from (b2) and at least one compound selected from (b1), (b3), (b6), (b7), (b8) or (b9); wherein the overall weight ratio of component (b) to component (a) is from 30:1 to 1:30; and wherein the weight ratio of component (b2) to component (a) is from 10:1 to 1:1.

8 (Canceled)

9. (Original) A method for controlling plant diseases caused by fungal plant pathogens comprising applying to the plant or portion thereof, or to the plant seed or seedling, a fungicidally effective amount of a composition of Claim 1.

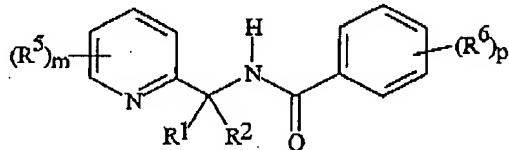
10. (Canceled)

11. (Original) The method of Claim 9 wherein the disease to be controlled is caused by the fungal pathogen *Plasmopara viticola*.

12 through 16. (Canceled)

17. (Currently amended) The composition of Claim 1 5 wherein component (a) is 2,6-dichloro-N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]benzamide.

18. (Currently amended) A composition for controlling plant diseases caused by fungal plant pathogens comprising; of Claim 1 comprising  
(a) a compound of the formula



wherein  $(R^5)_m$  is 3-Cl-5-CF<sub>3</sub>, R<sup>1</sup> is H, R<sup>2</sup> is H, and  $(R^6)_p$  and is 2,6-di-Cl; and

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(b2) at least one compound selected from compounds acting at the bc1 complex of the fungal mitochondrial respiratory electron transfer site; and ~~optionally at least one compound selected from the group consisting of compounds of (b1), (b3), (b4), (b5), (b6), (b7), (b8) and (b9).~~

19. (Previously presented) The composition of Claim 18 comprising a strobilurin fungicide that acts at the bc1 complex of the fungal mitochondrial respiratory electron transfer site.

20. (Previously presented) The composition of Claim 18 comprising famoxadone or fenamidone.

21. (Previously presented) The composition of Claim 20 comprising famoxadone and a compound selected from the group consisting of mancozeb, maneb, propineb, zineb, cymoxanil, metalaxyl, benalaxyl, oxadixyl, 6-iodo-3-propyl-2-propyloxy-4(3H)-quinazolinone, 6-chloro-2-propoxy-3-propylthieno[2,3-*d*]pyrimidin-4(3H)-one, folpet, captan and fosetyl-aluminum.

22. (Previously presented) The composition of Claim 18 comprising at least one compound selected from the groups consisting of acibenzolar, benalaxyl, benomyl, blasticidin-S, Bordeaux mixture (tribasic copper sulfate), carpropamid, captafol, captan, carbendazim, chloroneb, chlorothalonil, copper oxychloride, copper salts such as copper sulfate and copper hydroxide, cyazofamid, cymoxanil, cyprodinil, (S)-3,5-dichloro-*N*-(3-chloro-1-ethyl-1-methyl-2-oxopropyl)-4-methylbenzamide (RH 7281), diclocymet (S-2900), diclomezine, dicloran, dimethomorph, diniconazole-M, dodemorph, dodine, edifenphos, fencaramid (SZX0722), fenpiclonil, fentin acetate, fentin hydroxide, fluazinam, fludioxonil, flumetover (RPA 403397), flutolanil, folpet, fosetyl-aluminum, furalaxyd, furametapyr (S-82658), iprobenfos, iprodione, isoprothiolane, iprovalicarb, kasugamycin, mancozeb, maneb, mefenoxam, mepronil, metalaxyl, metiram-zinc, myclobutanil, neo-asozin (ferric methane arsonate), oxadixyl, pencycuron, prochloraz, procymidone, propamocarb, propineb, pyrifenoxy, pyrimethanil, pyroquilon, quinoxifen, spiroxamine, sulfur, thiadiazole, thiophanate-methyl, thiram, triadimenol, tricyclazole, validamycin, vinclozolin, zineb and zoxamid.

23. (New) The composition of Claim 18 further comprising at least one compound selected from the group consisting of

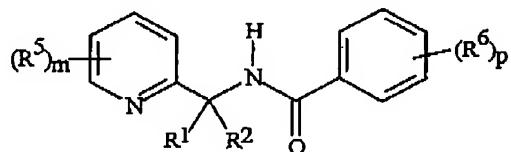
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- (b1) alkylenebis(dithiocarbamate) fungicides;
- (b3) cymoxanil;
- (b4) compounds acting at the demethylase enzyme of the sterol biosynthesis pathway;
- (b5) morpholine and piperidine compounds that act on the sterol biosynthesis pathway;
- (b6) phenylamide fungicides;
- (b7) pyrimidinone fungicides;
- (b8) phthalimides; and
- (b9) fosetyl-aluminum.

24. (New) A composition for controlling plant diseases caused by fungal plant pathogens comprising a synergistic combination of:

- (a) a compound of the formula



wherein  $(R^5)_m$  is 3-Cl-5-CF<sub>3</sub>, R<sup>1</sup> is H, R<sup>2</sup> is H, and  $(R^6)_p$  is 2,6-di-Cl; and

(b2) at least one compound selected from compounds acting at the bc1 complex of the fungal mitochondrial respiratory electron transfer site.

25. (New) The composition of Claim 24 comprising famoxadone.

26. (New) The composition of Claim 24 further comprising at least one compound selected from the group consisting of

- (b1) alkylenebis(dithiocarbamate) fungicides;
- (b3) cymoxanil;
- (b4) compounds acting at the demethylase enzyme of the sterol biosynthesis pathway;
- (b5) morpholine and piperidine compounds that act on the sterol biosynthesis pathway;
- (b6) phenylamide fungicides;
- (b7) pyrimidinone fungicides;
- (b8) phthalimides; and
- (b9) fosetyl-aluminum.

27. (New) A method for controlling plant diseases caused by fungal plant pathogens comprising applying to the plant or portion thereof, or to the plant seed or seedling, a synergistic fungicidally effective amount of a composition of Claim 24.

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28. (New) The method of Claim 27 wherein the composition comprises famoxadone and the disease to be controlled is caused by the fungal pathogen *Phytophthora infestans*.